

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	190	pixel near5 spacing near5 increas\$4	US-PGPUB; USPAT	OR	ON	2010/07/31 14:42
L2	24	1 and (lenslet micro\$1lens \$4)	US-PGPUB; USPAT	OR	ON	2010/07/31 14:43
L4	1	"6141048".pn.	US-PGPUB; USPAT	OR	ON	2010/07/31 14:50
L5	50	("3910683"   "4085411"   "4318123"   "4323925"   "4377753"   "4443088"   "4463383"   "4573177"   "4612521"   "4689291"   "4708436"   "4733096"   "4809075"   "4973833"   "4994664"   "5004901"   "5076687"   "5151790"   "5187358"   "5233174"   "5329312"   "5340978"   "5444483"   "5461425"   "5471515"   "5497269"   "5504621"   "5529936"   "5705807"   "5708263"   "5754056"   "5760834"   "5784178"   "5814803"   "5838176"   "5841126"   "5844238").PN. OR ("6141048").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/31 14:51
L6	55	("3932184"   "4200794"   "4279690"   "4421398"   "4427265"   "4611124"   "4691993"   "4769750"   "4775967"   "4798448"   "4861140"   "4877717"   "4983040"   "4986633"   "5073041"   "5136164"   "5139609"   "5168401"). PN. OR ("5497269"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/31 15:01
L7	525	edge near5 (lenslet micro \$1lens\$4)	US-PGPUB; USPAT	OR	ON	2010/07/31 15:05
L8	61	pixel near5 edge near5 (lenslet micro\$1lens\$4)	US-PGPUB; USPAT	OR	ON	2010/07/31 15:05
L9	123	pixel near5 edge near5 (spacing)	US-PGPUB; USPAT	OR	ON	2010/07/31 15:10

L10	6	("20050035376"   "4694185"   "5371397"   "5479049"   "5610390"   "6211509").PN.	US-PGPUB; USPAT	OR	ON	2010/07/31 15:30
S21	1	"20070109438".pn.	US-PGPUB; USPAT	OR	ON	2008/12/22 10:51
S22	678	348/340.ccls.	US-PGPUB; USPAT	OR	ON	2008/12/22 10:52
S23	8046	micro near lens	US-PGPUB; USPAT	OR	ON	2008/12/22 10:52
S24	3340	micro-lens	US-PGPUB; USPAT	OR	ON	2008/12/22 10:52
S25	0	ep-0825764-\$ did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/22 10:53
S26	1	ep-825764-\$ did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/22 10:53
S27	76	S22 and (S23 S24)	US-PGPUB; USPAT	OR	ON	2008/12/22 13:34
S28	4639	microlens near array	US-PGPUB; USPAT	OR	ON	2008/12/23 08:24
S29	124806	"348".clas.	US-PGPUB; USPAT	OR	ON	2008/12/23 08:24
S30	558	S28 and S29	US-PGPUB; USPAT	OR	ON	2008/12/23 08:24
S31	124122	lithograph\$	US-PGPUB; USPAT	OR	ON	2008/12/23 08:34
S32	680	348/340.ccls.	US-PGPUB; USPAT	OR	ON	2008/12/23 08:34
S33	28	S31 and S32	US-PGPUB; USPAT	OR	ON	2008/12/23 08:34
S34	1	jp-2001061109-\$ did.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 09:33
S35	8056	micro near lens	US-PGPUB; USPAT	OR	ON	2008/12/23 11:00
S36	3344	micro-lens	US-PGPUB; USPAT	OR	ON	2008/12/23 11:00
S37	6	(S35 S36) near anamorphic	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 11:00
S38	363	pinhole near diaphragm	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 13:52
S39	0	S38 and S32	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 13:52

S40	46074	pinhole	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 13:53
S41	21	S40 and S32	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 13:54
S42	428	(S40 and (S35 S36)) not S41	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 14:13
S43	45	S42 and "348".clas.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/23 14:13
S44	2	"20030214898".pn.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/24 08:23
S45	88	liquid near lens near zoom	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/24 08:49
S46	14	S45 not projector	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/24 08:51
S47	100	348/240.2 and liquid	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/24 08:54
S48	0	359-665.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/24 09:42
S49	366	359/665.ccls.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/12/24 09:42
S50	8623	micro near lens	US-PGPUB; USPAT	OR	ON	2009/05/26 14:15
S51	3569	micro-lens	US-PGPUB; USPAT	OR	ON	2009/05/26 14:15
S52	190	(S50 S51) and anamorphic	US-PGPUB; USPAT; DERWENT	OR	ON	2009/05/26 14:15
S53	190	(S50 S51) and anamorphic	US-PGPUB; USPAT	OR	ON	2009/05/26 14:15
S54	1	"5682203".pn.	US-PGPUB; USPAT	OR	ON	2009/06/04 08:30
S55	2	anamorphic near micro near lens	US-PGPUB; USPAT	OR	ON	2009/06/04 08:42
S57	1	"6141048".pn.	US-PGPUB; USPAT	OR	ON	2009/06/04 08:45
S58	16	anamorphic near5 micro near lens	US-PGPUB; USPAT	OR	ON	2009/06/04 08:48
S59	3	10/411290	US-PGPUB; USPAT	OR	ON	2009/06/04 08:49

S60	18	("20020001066"   "20020135825"   "20030168679"   "20030189755"   "20030227684"   "20060102827"   "20070091453"   "4403827"   "4994664"   "5477383"   "5555129"   "5561558"   "5561683"   "5742433"   "6327086"   "6545808"   "7038184"   "7390532").PN.	US-PGPUB; USPAT	OR	ON	2010/01/19 09:40
S61	90	(active same inactive) near5 area and "348". clas.	US-PGPUB; USPAT	OR	ON	2010/01/19 09:44
S62	25	(US-20070109438-\$ or US-20080239138-\$ or US-20070206110-\$ or US-20070187576-\$ or US-20070126912-\$ or US-20060072029-\$ or US-20060055811-\$ or US-20060044450-\$ or US-20050073603-\$ or US-20050024520-\$ or US-20040183938-\$ or US-20050041134-\$ or US-20030214898-\$ or US-20060192869-\$ or US-20030086013-\$ or US-20040218283-\$ or US-20020145797-\$ or US-20030095317-\$ or US-20010001562-\$).did. or (US-7405761-\$ or US-6690049-\$ or US-5682203-\$ or US-7196728-\$).did. or (EP-825764-\$ or EP-1079613-\$).did.	US-PGPUB; USPAT; DERWENT	OR	ON	2010/06/21 07:28
S63	15	S62 and (pinhole (pin near2 hole) aperture)	US-PGPUB; USPAT; DERWENT	OR	ON	2010/06/21 07:28
S64	421	pinhole same (microlens (micro adj lens) micro \$1lens)	US-PGPUB; USPAT	OR	ON	2010/07/28 09:13
S65	21	S64 and 348/207.99-376. ccls.	US-PGPUB; USPAT	OR	ON	2010/07/28 09:21
S66	1104	pinhole and (microlens (micro adj lens) micro \$1lens)	US-PGPUB; USPAT	OR	ON	2010/07/28 09:23
S67	32	S66 and 348/207.99-376. ccls.	US-PGPUB; USPAT	OR	ON	2010/07/28 09:23

S68	5	("20040252867"   "6211916"   "7135725"   "7274808"   "7515342"). PN. OR ("7728902"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 09:25
S69	1872	camera same (credit adj card)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 09:32
S70	378	camera near5 (credit adj card)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 09:32
S71	35	S70 and 348/207.99-376. ccls.	US-PGPUB; USPAT	OR	ON	2010/07/28 09:32
S72	26	camera near5 (chip adj card)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 09:36
S73	61	scan\$4 near5 (chip adj card)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 09:37
S74	18	iris near5 (credit adj card)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/28 09:44
S75	83	S64 and "250".clas.	US-PGPUB; USPAT	OR	ON	2010/07/28 09:50
S76	1	("20010026322").PN.	US-PGPUB; USPAT	OR	ON	2010/07/28 09:55
S77	1	"20060006438".pn.	US-PGPUB; USPAT	OR	ON	2010/07/28 10:00
S78	894	microlens and card	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:11
S79	840	microlens and card and image	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:11
S80	168	microlens and card and image and "form factor"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:11
S81	242	microlens and (card near5 (chip credit)) and image	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:12
S82	135	microlens and (card near5 (credit)) and image	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:12
S83	54	microlens and (card near5 (credit)) and vehicle	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:15
S84	866	microlens and vehicle	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:19
S85	60	microlens same image near4 captur\$4 and vehicle	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:19
S86	0	microlens same image near4 captur\$4 and "intelligent cockpit monitoring"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:21

S87	0	microlens same image near4 captur\$4 and "intelligent cockpit monitor"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:21
S88	29	microlens same image near4 captur\$4 and medical	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:22
S89	18	("20010028506"   "20020017612"   "20020075450"   "20020075450"   "20030086013"   "20030111593"   "20030156214"   "20040085598"   "20070188653"   "4783141"   "4933751"   "5200818"   "5291334"   "5439621"   "5731899"   "5812322"   "6137535"   "6137535"   "6141048"   "6765617").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:25
S90	3660	image near4 sensor and (card near5 (chip credit)) and image	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:28
S91	2951	image near4 sensor and (card near5 (credit)) and image	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:28
S92	2951	image near4 sensor and (card near5 (credit))	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:29
S93	2936	image near4 sensor and (card near2 (credit))	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:29
S94	146	image near4 sensor near3 integrat\$4 and (card near2 (credit))	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:29
S95	0	image near4 sensor near3 integrat\$4 same (card near2 (credit))	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:29
S96	17	("20040129787"   "20040179718"   "20050232471"   "20050240778"   "20070034700"   "20080017703"   "20080237357"   "5623552"   "5991617"   "6070804"   "6194993"   "6378774"   "6434259"   "6466126"   "7049958"   "7350717"   "7424134"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:30
S97	0	"intelligent cockpit monitor"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:36

S98	1	"intelligent cockpit monitor"ing	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:36
S99	830242	intelligent cockpit monitoring	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:36
S100	108337	S99 and camera	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:37
S101	1417	S100 and (lenslet micro \$1lens)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:37
S102	589	S100 and (lenslet )	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:37
S103	1	"intelligent cockpit monitoring"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:38
S104	26	"cockpit monitoring"	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:38
S105	1	S104 and (lenslet micro \$1lens)	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:38
S106	4	S104 and camera	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:38
S107	1	"20050061951".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/07/30 17:51
S108	1	"7027719".pn.	US-PGPUB; USPAT	OR	ON	2010/07/31 11:34
S109	2873	micro\$1lens\$4 and (low near3 light\$4)	US-PGPUB; USPAT	OR	ON	2010/07/31 12:02
S110	0	micro\$1lens\$4 and (low near3 light\$4) same (pixel near5 spacing)	US-PGPUB; USPAT	OR	ON	2010/07/31 12:02
S111	20	micro\$1lens\$4 and (low near3 light\$4) same (pixel near5 plurality)	US-PGPUB; USPAT	OR	ON	2010/07/31 12:03
S112	18	(low near3 light\$4) same (pixel near5 spacing)	US-PGPUB; USPAT	OR	ON	2010/07/31 12:08
S113	122	(sensitivity) same (pixel near5 spacing)	US-PGPUB; USPAT	OR	ON	2010/07/31 12:11

### EAST Search History (Interference)

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